

TRAVEL REPORT

Country Visited: Kenya

Duration: 24 to 29/5/2005

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The attached report has been reviewed by me for circulation as below:

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**FAO Mission to Kenya
Integrated Natural Resources Assessment (INRA)
Nairobi, 24 to 29/5/2005**

SUMMARY

Kenya was selected as a priority country under the forest, agro-biodiversity and food security themes of the FAO-Netherlands Partnership Programme (FNPP, second phase). The National Forest Assessment (NFA) team in the Forestry Department and the Agro-biodiversity group in the Agriculture Department worked together to coordinate their efforts in Kenya and develop an integrated programme. The Forest Department in Kenya submitted in early 2005 a proposal for funding, under the TCP programme of FAO, to undertake a national forest assessment. In the FNPP context, it was seen as potentially relevant to extend the assessment to an integrated natural resources assessment (INRA) in which information on forests, trees outside forest (TOF), wildlife, crops, livestock, water and fisheries resources can be gathered at national level in an integrated way. In-house discussions were made between the NFA team, the Agro-biodiversity group and the Water Quality and Environment Officer to come up with a joint project proposal. It is planned that Fisheries Department will also be involved to provide their inputs to the proposal. Budget wise, the total FAO contribution set in the region is US\$ 525,000 (US\$ 225,000 for the forestry theme and US\$ 300,000 from the agro-biodiversity theme).

The Reporting Officers (ROs) participated in a mission to Nairobi, Kenya, from 24 to 29 May 2005, to discuss with national institutions concerned the first draft of the project proposal.

The objectives of the mission were to:

- (i) Discuss the Integrated Natural Resources Assessment proposal and see how it can be improved to meet the national priorities considering that cross-sectoral work, as proposed, involves forestry, agricultural (cropping and livestock), water resources, fisheries, etc.;
- (ii) introduce the approach to integrated natural resources assessment;
- (iii) see if the Forestry Department and the other national institutions are interested and ready to work together on this project;
- (iv) prepare and agree on a work plan; and,
- (v) define the necessary inputs and their sources.

The FAO Representation prepared a programme of meetings with potential partner institutions for preliminary contacts. The institutions visited included the Departments of Forestry and Remote Sensing, the Kenya Wildlife Service, the Departments of Livestock and Fisheries, the Survey of Kenya and the Land Use and Environment Branch (agrobiodiversity and agroforestry) of the Ministry of Agriculture and Rural Development. Visits were also made to some donors including GTZ, FINNIDA, UNDP and SIDA. The mission was not able to meet with Dr Eric O. Odada, Director at the Department of Geology, University of Nairobi. The meeting with Dr Odada was recommended by AGLW. The mission organized a group meeting involving all the institutions contacted to discuss together the proposal and define the follow-up activities. A group meeting was organized to introduce in details the approach developed for Integrated Natural Resources Assessment to the national institutions and discuss possible arrangements and follow-up. On the last day, a one-day field trip was made around Mount Kenya to see different land uses.

With the exception of the Forestry Department (FD) that highlighted the urgent need to inventory the industrial plantations, which will help the planned process of reform of the FD, all the other

Institutions have strongly endorsed the proposal judging it timely and good, as it can help all

stakeholders to work together and produce verifiable and sharable information. The proposal was acknowledged as a way to harmonise and centralise national information systems and to avoid duplication of data collection efforts in the country.

The Chief Conservator of Forests was not in Kenya during the mission. Some officials of the FD stressed to the mission that the national forest assessment (part of the proposal for INRA) is high among the national priorities agenda and the CCF will inform FAO of its importance.

The meeting recommended finalisation of the proposal.

1. Background and objectives of the travel

Kenya is a priority country for the forest, food security and agro-biodiversity themes of the FNPP. The forests and agro-biodiversity themes worked together over the last five months to coordinate their efforts in Kenya and prepare an integrated programme. One of the areas considered for cross-sectoral collaboration is the integrated natural resources assessment (INRA) that would respond to the information needs for cross-sectoral policy dialogue and harmonisation in the country. The Forest Department in Kenya submitted in early 2005 a proposal for funding under the TCP programme of FAO to undertake a national forest assessment (NFA). This TCP proposal is still pending and not yet approved. The INRA proposal extends the NFA to other resources such as, wildlife, crops, livestock, water and fisheries. A draft project proposal was prepared by the forestry, agro-biodiversity and water group and circulated to national institutions for information and further improvement. It is planned that the Fisheries Department of FAO will also provide their inputs.

A mission visited Nairobi, Kenya, from 24 to 29 May 2005 with the following objectives:

- (i) Discuss the proposal for an Integrated Natural Resources Assessment in Kenya and find out how it can be improved to meet the national priorities. Potentially interested sectors are forestry, agriculture (cropping and livestock), water resources, fisheries and wildlife;
- (ii) introduce the approach developed by FAO to integrated natural resources assessment;
- (iii) find out the interest and readiness of the Forestry Department and other national institutions to work together on this project;
- (iv) prepare and agree on a work plan; and
- (v) define inputs and their sources.

A programme of meetings was prepared by the FAO Representation. The institutions visited included the Departments of Forestry and Remote Sensing, the Kenya Wildlife Service, the Departments of Livestock and Fisheries, the Survey of Kenya and the Land Use and Environment Branch (agro-biodiversity and agro forestry) of the Ministry of Agriculture and Rural Development. Visits were also made to some donors including GTZ, FINNIDA, UNDP and SIDA. The mission organized a group meeting, hosted by the Forestry Department (FD), where all the institutions contacted participated, to discuss together the project proposal and define the way forward. A one-day field trip was made on the last day around the Mount Kenya to cross different land uses and landscapes.

The mission was prepared and accompanied by Simone De Hek, APO at the FAO Representation of Kenya. The Head of the Planning Branch accompanied the mission to a few meetings namely at the Remote Sensing Department and with the Acting Permanent Secretary of the Ministry of Environment and Natural Resources. Full details of the Mission's itinerary and persons met in Annexes 1 and 2.

The Mission would like to put on record its appreciation of the untiring efforts and assistance from the FAO Representation and for the support to the proposal by the FAO Representative.

2. Mission Activities

2.1. Meetings at the FAO Representation

Upon arrival, the ROs met with the FAO Representative for briefing on the context of the mission.

The programme of the mission was reviewed and ascertained, additional useful contacts were recommended and the transport arranged. In addition to Mr Isaacson Bruce, FAO Representative, the meeting was attended by Ms De Hek and Ms Louise Wrist Sorensen, FNPP Consultant at the FAOR.

2.2. Forestry

The ROs held a meeting at the FD with the Deputy Chief Conservator of Forests and the Conservators in charge of planning, inventory, information system, natural forest, and project development. The Chief Conservator of Forests (CCF) was not in Kenya during the mission. An introduction of the proposal was given by the mission highlighting that the INRA is equal to the TCP request in objectives, outputs and activities but widened in scope to include agro-biodiversity, waters, fisheries, livestock, wildlife, etc. The INRA draft proposal which was circulated by the FAO Representation was considered a replacement of the TCP request for which funds have not yet been assigned.

The FD officers pointed out that:

- The cross-sectoral approach is one of the priorities of the government. The relationships between different ministries and departments need to be consolidated. Past experiences have shown that implementing projects following an integrated approach was carried out with success. Reference was made to an African Development Bank project.
- The forestry component may be integrated in an INRA. The FD wants strong emphasis put on forest inventory.
- The integrated approach requires nomination of a leading institution, definition of role of each partner and commitment of all. The lead institution should be chosen in coordination with all the national partners.
- Delay in starting the project may occur if many institutions are involved, as each one has to programme its inputs and deployment of resources.
- The project, as it is designed, must be a priority for all concerned institutions and should be built on existing efforts and information framework to avoid duplication.
- The TCP activities were already planned in the budget and organisation of the FD for which seven field teams were foreseen for 11 months fieldwork.
- The lack of vehicles remains the main problem of the Forestry Department. Purchase of seven vehicles has been budgeted, but is subject to approval of the TCP.
- The conversion of the FD into a service/society is planned, which will require generating revenue. In this context, the main priority is assessment of the plantations. The bill was passed to the Parliament for an expected vote in June.
- The Head of the Planning Branch in the FD told the mission that the CCF will write to FAO to confirm the importance of the project proposal.

From the discussions with the FD, the mission noted that there was some confusion regarding the INRA and the TCP request submitted to FAO a few months ago. The ROs gave the necessary clarifications to the FD staff, indicating that the draft proposal for INRA under discussion is similar to the TCP request on forestry but the INRA extends the scope of assessment to other land use resources and water issues. The INRA is therefore understood as a replacement of the TCP request.

2.3. Acting Permanent Secretary (PS) of the Ministry of Environment and Natural Resources

A visit was paid to Mr N.J. Ondijo, Senior Deputy Secretary and acting Permanent Secretary. The PS was on duty travel to attend UNFF7 meetings in New York. The acting PS noted that:

- Cross-sectoral approach would benefit the country as it can address cross-cutting issues and interrelations between sectors such as consequences of deforestation on the environment, relationships between forest and water (catchments areas), wildlife habitats, soil erosion. An integrated approach involving all stakeholders is needed to avoid isolated work.
- The last forest inventory was produced in 1966. The existing information on the forest is obsolete and inaccurate. It is thus necessary to update the information, address issues affecting the local people and focus on MDG priorities.
- The mission requested action at higher level in the Ministry with the other ministries and departments to secure effective and timely participation of all the partners.

2.4. Agriculture

At the Ministry of Agriculture and Rural Development the mission met with Mr Erikson, SIDA - Extension programme, Mr John Kimani, Soil and Water Conservation Branch (agro-forestry) and Ms Rose Mwangi, Land Use and Environment Branch (agro-biodiversity).

On agro-forestry it was noted that:

- Working relationship between the departments of agriculture and forestry is needed, as agro-forestry is a major topic in the country.
- The last attempts of inventory, supported by Finland, were not successful (not completed).
- The importance to collect reliable data in the field that reflects reality on the ground was stressed. It is known that there are more trees on farms than in the forests. Relationships between trees and people should also be assessed.
- The integrated approach proposal is the best way to go about the agro-forestry issues and it is of interest to the Ministry.

On farm management it was indicated that:

- The project proposal is very interesting as it considers the agro-biodiversity issues.
- The main national report on the State of Environment (SoE) relied on estimations based essentially on expert opinion.
- An important work needs to be done among partners through meetings and workshops involving all stakeholders to reach consensus.
- An agricultural land use inventory started in a district close to Nairobi: questionnaires were developed and are being tested.

2.5 Fisheries

At the Fisheries Department, the mission met with the Senior Deputy Director, the Deputy Director and the Assistant Director of Fisheries.

The persons met expressed their interest to be part of the INRA and promised to fully collaborate with the other partner institutions. They highlighted the importance of the proposal that approaches the resources in an integrated way as all sectors (forest/wildlife/fisheries/livestock) are interrelated and an integrated approach fits well with the national requirements for policy development.

2.6 Survey of Kenya

The land survey department is in the process of developing a spatial database. An INRA was thus considered good, timely and seen as means and opportunity to get sharable and accurate information. The proposal responds to the need of setting up a harmonized and centralized information system, and developing standardised data collection procedures.

2.7 Livestock

The mission had a meeting with Mr Samuel C. Yegou (Deputy Director Livestock), Mr Richard Kiyuma (Range management), Mr Joseph Kamande (Range management) and Mr John Maina (Livestock marketing). After a short briefing on the proposal by the mission, the Livestock Department pointed out that:

- Collaboration with other land use institutions including the FD is necessary to address cross-sectoral issues. It was noted that the Livestock Department has a tradition to work with the FD, but this collaboration needs to be reinforced further in concrete projects.
- The last livestock assessment in Kenya was carried out 12 years ago. The database is not complete in the northern area and it was recommended that the arid zone should be surveyed. The existing information is therefore obsolete, incomplete and needs to be updated.
- The information from the INRA project would be very useful to fill the gap at national level for land use policy and management planning.

2.8 Remote sensing

The meeting with Mr Jaspat L. Agatsiva allowed exchange of ideas on the proposal for an INRA. The Remote Sensing Department considers the proposal interesting and framework for institutional collaboration. It is considered as a way to establish consensus around the national figures of forest cover, which is currently inconsistent. The official statistics report 1.7% of forest cover in the country while other data sources state 13%.

2.9 Wildlife

The meeting with the Wildlife personnel could not be held.

2.10 Group meeting

In order to allow discussion on the proposal by all the partners at the same time, express their views, expose and eventually reach a preliminary national consensus, the mission convened a group meeting involving representatives from all the visited institutions (see list of participants in Annex 3).

The ROs gave a presentation on (i) the approach to INRA for data collection and its foundations; (ii) the system for information storage and management and; (iii) the proposal for an INRA in Kenya considering the resources available, the number of partners involved and the role and input from each partner. On the approach to INRA, the ROs presented the methodology developed for national forest assessment and recently adapted to integrated land use assessment in Zambia. It was pointed out that the approach can be adapted to meet the expectations and information needs from the different partner institutions. Regarding the INRA proposal for Kenya, the presentation focussed on the objectives and scope of the INRA, the way to implement the project starting by a

pilot assessment that extends to the rest of the country. The proposed sampling intensity, the eventual organisation and arrangements, the collaborating institutions, the role of each partner (FAO and the national institutions), the Government contribution, FAO Contribution, and the way forward were introduced.

The presentation was followed by a discussion where all participants exposed their views. Some representatives of the FD indicated that the inventory of industrial plantations is a higher priority than INRA as it helps in the process of reforming the FD, while other FD representatives stressed the importance of the proposal, indicating that it is one of FD's highest priorities. All the other institutions have strongly supported the proposal as it brings together a large number of stakeholders, promotes collaborative work, and has the potential to meet all stakeholders' needs of information for national use and reporting to the international processes. The participants recommended that the Ministry of Finance and the Central Bureau of Statistics should be involved and warned against a bias towards forestry. The project should build on and harmonise with the existing information framework to avoid duplications and leaving gaps.

2.11 Meeting with donors

The ROs visited the offices of the UNDP, GTZ, FINNIDA and SIDA.

UNDP

At UNDP offices, the mission met with Mr Charles O. Nyandiga, Programme Officer, sustainable energy and environment, and Mr Chris G. Gakahu, Assistant Resident Representative in charge of Energy and Environment.

UNDP recognizes that the FD is very weak, has old infrastructures and requires solid support. After a briefing on the context and scope of the proposal, Mr Nyandiga indicated UNDP would be happy to be partner for the INRA initiative. An official letter from FAO to the UNDP Resident Representative requesting additional support to the INRA project will be necessary.

UNDP is providing support to a number of projects in different areas, especially for updating forestry strategies.

FINNIDA

Meetings were held at the FAO Representation, with Mr Antti Erkkilä, recently appointed as Forest Advisor of FINNIDA Office in Kenya and the FAO Representative, and at the Finnish Embassy with Mr Antti Erkkilä and Marja Simojoki, FINNIDA Programme Officer.

Kenya is a priority country to FINNIDA for which three areas are considered for support, including environment (forestry), governance and energy. FINNIDA encourages the sector-wide approach for which the national institutions do not seem to be ready. In Kenya, the tradition for stakeholders to work together is weak. The activities of FINNIDA in Kenya for development aids are budgeted for 5 Millions dollars and that amount may rise up to 10 Millions dollars within the next three years. The FINNIDA priority for the forestry sector in Kenya, as stated in the report of an identification mission is the reform of the forestry sector which will lead to a creation of a Forestry Society. The process of transformation may take up to three years. Forest inventory was presented as a priority to support the reform.

A planning mission from FINNIDA is expected in Kenya in the next few months.

FINNIDA recommended contacts to be made with USAID which has already a forestry programme including support to data collection.

GTZ projects

The mission visited the offices of two GTZ projects. The first is dealing with the promotion of the private sector development in agriculture and the second is dealing with water sector reform. Both projects provided the mission with an insight of the institutional context in Kenya, the priorities and the risks involved.

SIDA Project

A joint meeting was held with the SIDA Programme Advisor at the National Agriculture and Livestock Extension Programme (NALEP), the Soil and Water Conservation Branch (agro-forestry) and the Land Use and Environment Branch (agro-biodiversity). There is strong interest in the INRA proposal.

JICA

JICA participated in the Group meeting. The participant highlighted the JICA views on the forestry sector priorities which are conservation, farm forestry, plantations and establishment of a national data base especially on plantations and farm forestry in the dry lands.

2.12 Follow-up

- The Chief Conservator of the Forestry Department will communicate to FAO the forestry sector priority.
- FAO will continue finalizing the document to be discussed during the Agro-Biodiversity workshop planned for early July 2005.

Annex 1

Final Programme activities 24 – 29 May, 2005

Wednesday May 25, 2005

08.00 – 08.30	Briefing with Mr Bruce Isaacson, FAO Representative Also present: Ms Louise Sorensen and Ms Simone de Hek
09.00 – 11.00	Forest Department – Meeting with officers in charge of Information systems, Projects development, Planning, National forest conservation, Forest extension & partnerships, Inventory
11.30 – 12.30	Remote sensing Department , Min. Environment & Natural resources (DRSRS), Meeting with the Director, Mr Jaspat L. Agatsiva
	Lunch
14.00 – 15.00	Kenya Wildlife Service, Ministry of Tourism and Wildlife – Mr Richard Odongo (not available)
15.15	GTZ – Meeting with Mr Reinmund Hoffmann

Thursday May 26, 2005

08.00 – 08.30	FINNIDA – FAO Representation - Meeting with new Forest Advisor of FINNIDA, Mr. Antti Erkkilä and the FAO Representation
09.00 – 10.00	Ministry of Livestock and Fisheries Development - Meeting with Mr Samuel C. Yegou (Deputy Director livestock), Mr Richard Kiyuma (Range management), Mr Joseph Kamande (Range management) and Mr John Maina (Livestock marketing)
10.00 – 11.00	Ministry of Environment and Natural Resources – Courtesy meeting with Mr. Naftari J. Ondijo, Acting Permanent Secretary
11.15 – 12.15	UNDP - Meeting with Mr. Charles Nyandiga and Mr. Chris Gakahu
	Lunch
14.00 – 14.45	Department of Fisheries - Meeting with Mr. B.K. Ayugu, Deputy Director and Mr. S. W. Warui
15.00 – 16.00	Embassy of Finland – Meeting with Dr. Antti Erkkilä, Forest Adviser and Marja Simojoki, Programme Officer
16.00 – 17.00	GTZ – Meeting with Ralf Wegener, Water Sector Coordinator (Water Sector Reform Programme) and Dr. Japheth Onyando

Friday May 27, 2005

9.00 – 9.45	Ministry of Lands and Housing – Meeting with Mr. Kombo Mwero, Director of Survey and Ms. Polly Gitima, Sub-Director of Survey
10.00 – 13.30	Group presentation and discussion on Integrated Natural Resources Assessment proposal for Kenya (see list of participants) in Karura Forest (Forest Department)
13.30 – 14.00	Forest Department – Wrap-up meeting with Mr. John Wanyiri and Mr. Samuel Muriithi
	Lunch
14.30 – 15.30	Ministry of Agriculture/ SIDA – Meeting with Mr. Erikson, SIDA - Extension programme, Mr. John Kimani, Soil and Water Conservation Branch (agroforestry) and Ms. Rose Mwengi, Land Use and Environment Branch (agrobiodiversity)
16.00 – 17.00	Debriefing with Mr. Bruce Isaacson, FAO Representative Also present: Ms. Louise Sorensen and Ms. Simone de Hek

Saturday May 28, 2005

07.30 – 18.00	Field trip around Mount Kenya with Mr. Apolo Mwandigha, Forest Department (Visit of Eucalyptus plantations, national forest reserve, small-scale farms, large scale irrigated rice fields)
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OTHERS

Mark Rotich from DFID - Natural resources and livelihoods (M-Rotich@dfid.gov.uk) cannot meet but is interested and would like to stay informed.

Prof. Eric O. Odada from University of Nairobi – dept. of Geology (eodada@uonbi.ac.ke) showed interest in meeting, but a meeting could not be scheduled.

Ministry of Water and Irrigation, Mr. R. N. Gakubia – Director of Water, showed great interest but could not meet with the mission.

Mr. Alan Phipps (alanhipps2003@yahoo.dk), Adviser – ASPS - Danida (5-year Agricultural Sector Programme within the Ministry of Agriculture) could not meet but has requested a meeting with the representation to discuss the project proposal.

Missed during the mission but important to include are:

- National Environment Management Authority (NEMA)
- Central Bureau of Statistics

Annex 2

Persons met

Name	Organisation/Institution	Address /Telephone/ Fax / Email
• Jaspat L. AGATSIVA	Director Ministry of Environment and Natural Resources Department of Resource Surveys and Remote Sensing (DRSRS)	Kapiti Road, Off Mombasa Road P.O. Box 47146 00100 Nairobi – Kenya Tel : +254 (20) 609013/27 +254 (20) 606962 Fax : +254 (20) 609705 E-mail: jagatsiva@drsrs.go.ke jagatsiva@yahoo.co.uk
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Annex 3

LIST OF PARTICIPANTS TO THE GROUP DISCUSSION ON INTEGRATED NATURAL RESOURCES ASSESSMENT PROPOSAL IN KENYA

MAY 27, 2005 FOREST DEPARTMENT

KARURA FOREST

Organisation / Institution	Name
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	Mr. S.W. Warui
Forest Department	Mr. John Wanyiri
	Mr. A.L. Lemarkoko
	Mr. E.N. Mugo
	Mr. Simiyu B. Wasike
	Mr. Anthony M. Maiha
	Mr. Samuel Muriithi
	Mr. E. K. Ambune (Chair of meeting)
Forest Sector Restructuring Committee	Mr. B.S. Wamugunda
JICA / ISFP	Mr. Yuichi Sato
Kenya Wildlife Service	Mr. Richard Odongo
Ministry of Livestock and Fisheries Development	Mr. Richard Kiyuma
Survey of Kenya	Ms. Polly Gitimu